

# APPENDIX SUSTAINABILITY REPORT 2019

## CONTENTS

MMG STAKEHOLDERS AND ENGAGEMENT AVENUES	1
ICMM CONTENT INDEX	4
ICMM POSITION STATEMENTS	6
GRI CONTENT INDEX	7
OUR PEOPLE DATA SUMMARY	15

# MMG STAKEHOLDERS AND ENGAGEMENT AVENUES

MMG regularly engages with a number of stakeholders across our sites and around the world, both internally and externally. Where we choose individuals to engage with on behalf of a stakeholder group, we strive to ensure we select a diverse range and representation to ensure we are hearing as broad a range of opinions as possible.

Some examples of this include:

- > talking to employees during development training programs;
- > engaging contractors and external stakeholders in over-the-phone interviews;
- > responding to requests from shareholders or investors; and
- > meetings with NGOs to hear their feedback about our performance and opportunities for improvement.

The below table is a list of each stakeholder, their sub-groups, their areas of interest and the varying engagement avenues we use to hear from them.

STAKEHOLDER	STAKEHOLDER GROUPS	AREAS OF INTEREST	ENGAGEMENT AVENUES
<b>Employees</b>	MMG employees and contractors at: <ul style="list-style-type: none"> <li>&gt; mine sites</li> <li>&gt; development projects</li> <li>&gt; all offices, including our head office in Melbourne</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Staff safety and wellbeing – safety management and performance</li> <li>&gt; Our economic performance – business strategy</li> <li>&gt; Talent attraction and retention – values and behaviours, working conditions, work plans, remuneration and benefits, career opportunities</li> <li>&gt; Diversity – equal opportunity</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Safety meetings</li> <li>&gt; Shift change meetings</li> <li>&gt; Management and CEO presentations</li> <li>&gt; Emailed and hardcopy updates</li> <li>&gt; Corporate and individual site intranets</li> <li>&gt; Quarterly employee magazine</li> <li>&gt; Cultural and people development programs and training</li> <li>&gt; Bi-annual People and Culture Survey</li> <li>&gt; Social media channels</li> </ul>
<b>Communities</b>	<ul style="list-style-type: none"> <li>&gt; Host and regional communities</li> <li>&gt; Local villages and towns near our operations</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Post-closure community expectations and community and regional development – impacts on local communities, community investment and development, local amenity and housing</li> <li>&gt; Stakeholder relationships – local business support</li> <li>&gt; Environmental management and compliance – environmental impacts and management</li> <li>&gt; Public interaction with operations – health and safety impacts</li> <li>&gt; Economic sustainability – future financial viability</li> <li>&gt; Community and regional development – sustainable employment post mine life</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Community investment projects</li> <li>&gt; Quarterly and monthly newsletters</li> <li>&gt; Meetings</li> <li>&gt; Written communications</li> <li>&gt; Local media</li> <li>&gt; Social Impact Assessment</li> <li>&gt; Sponsorships</li> </ul>

# MMG STAKEHOLDERS AND ENGAGEMENT AVENUES

continued

STAKEHOLDER	STAKEHOLDER GROUPS	AREAS OF INTEREST	ENGAGEMENT AVENUES
<b>Suppliers</b>	Businesses from which we purchase products and services	<ul style="list-style-type: none"> <li>&gt; Our economic performance – economic security of the business, supply opportunities, payment processes</li> <li>&gt; Contractor selection – health and safety, contractor management procedures, supplier contractual conditions</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Tender and contract documents</li> <li>&gt; Direct communications</li> <li>&gt; Induction and training</li> </ul>
<b>Government</b>	<ul style="list-style-type: none"> <li>&gt; Regulators and government authorities with responsibilities for the areas where we operate</li> <li>&gt; Local, state and federal government in countries including Australia, Laos, Peru, DRC and Canada</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Government relations – compliance with permits and licences, social policy and fiscal regimes applicable to the resources sector</li> <li>&gt; Community and regional development – engagement with host and local communities, community investment and development, market access</li> <li>&gt; Environmental management and compliance – environmental impact management, product stewardship</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Statutory and licence reporting, regular meetings</li> <li>&gt; Written communication</li> <li>&gt; Foreign Investment and Review Board reporting</li> </ul>
<b>Investors</b>	<ul style="list-style-type: none"> <li>Retail investors in Hong Kong and Australia</li> <li>&gt; Global institutional investors</li> <li>&gt; Analysts and brokers</li> <li>&gt; Stock commentators</li> <li>&gt; China Minmetals Corporation (majority Shareholder)</li> <li>&gt; Debt providers</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Company performance</li> <li>&gt; MMG share price – earnings and production results, share price performance against industry peers</li> <li>&gt; Growth strategy including acquisitions, projects and exploration</li> <li>&gt; Commodity and market outlook</li> <li>&gt; Board and governance</li> <li>&gt; Corporate responsibility and sustainable development</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Announcements to the Hong Kong and Australian Stock Exchanges in accordance with their Listing Rules</li> <li>&gt; Quarterly production reports, interim and annual reports</li> <li>&gt; Investor roadshows, meetings, teleconferences and site visits</li> <li>&gt; Attendance and presentations at major global mining conferences</li> <li>&gt; Shareholder communications</li> <li>&gt; Monthly and quarterly Shareholder reports to the Board</li> </ul>

# MMG STAKEHOLDERS AND ENGAGEMENT AVENUES

continued

STAKEHOLDER	STAKEHOLDER GROUPS	AREAS OF INTEREST	ENGAGEMENT AVENUES
<b>Non-government organisations</b>	<ul style="list-style-type: none"> <li>&gt; Non-government organisations</li> <li>&gt; Special interest groups</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Community and regional development – impacts on local communities, community investment and development, community health, local infrastructure development and investment</li> <li>&gt; Public interaction with operations – interactions with local communities</li> <li>&gt; Human rights</li> <li>&gt; Bribery and facilitation payments</li> <li>&gt; Workforce localisation</li> <li>&gt; Environmental management and compliance – environmental impacts and management</li> <li>&gt; Post-closure community expectations</li> <li>&gt; Management decision making – governance, risk management, Board composition and operation</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Sustainability report</li> <li>&gt; Meetings</li> <li>&gt; Media releases</li> <li>&gt; Website content</li> <li>&gt; Site visits</li> <li>&gt; Social media channels</li> </ul>
<b>Media</b>	<ul style="list-style-type: none"> <li>&gt; Local and regional media in the areas of our operations</li> <li>&gt; Finance and resources media internationally</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Potential for interest in all material issues, particularly those of current interest to other stakeholders</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Media releases</li> <li>&gt; Website content</li> <li>&gt; Media tours, interviews</li> </ul>
<b>Industry</b>	<ul style="list-style-type: none"> <li>&gt; Other mining businesses</li> <li>&gt; Industry associations</li> <li>&gt; University and technical training providers</li> <li>&gt; Unions</li> </ul>	<ul style="list-style-type: none"> <li>&gt; MMG share price – earnings and production results, share price performance against industry peers</li> <li>&gt; Acquisition investment – project announcements, merger and acquisition programs</li> <li>&gt; Management decision making – governance, risk management, Board composition and operation</li> <li>&gt; Stakeholder relationships and government relations – support for industry initiatives, involvement in industry fora, support for industry specific training and development</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Membership of international, national and regional industry groups</li> <li>&gt; Representation on executive and working group committees</li> <li>&gt; Sustainability reporting against GRI and ICMM benchmarks</li> <li>&gt; Sponsorship and support of technical training institutions and industry associations</li> </ul>

# ICMM CONTENT INDEX

This table identifies the ICMM's 10 Sustainable Development Principles and Position Statements, and where to find related content in MMG's 2019 Sustainability Report.

Further information regarding our alignment with the ICMM's Sustainable Development Principles and Position Statements is progressively updated on  [www.mmg.com](http://www.mmg.com).

Annual Report = AR

## ICMM PRINCIPLES

ICMM PRINCIPLE	REPORT SECTION	PAGE
<b>1</b> Implement and maintain ethical business practices and sound systems of corporate governance.	> Who we are – our operating model	17
	> The way we work – corporate governance	22
	> The way we work – business ethics	23
	> The way we work – compliance and conformance	23
<b>2</b> Integrate sustainable development considerations within the corporate decision-making process.	> Chief Executive Officer's message	5-6
	> Who we are – growth strategy	14
	> Who we are – our commitment to sustainable development	17
	> Objectives and targets	9-10
	> 2019 Annual Report – 28. Provisions a) mine rehabilitation, restoration and dismantling	AR 152  <a href="http://www.mmg.com">www.mmg.com</a> )
<b>3</b> Uphold fundamental human rights and respect customs and values in dealings with employees and others who are affected by our activities.	> Who we are – our people	19-20
	> The way we work – Labour rights	37
	> The way we work – business ethics	23
	> The way we work – stakeholder engagement	31
	> The way we work – human rights	35-37
<b>4</b> Implement risk management strategies based on valid data and sound science.	> The way we work – sovereign risk and government relationships	30
	> Who we are – our standards, risk management and assurance	18
<b>5</b> Seek continual improvement of our health and safety performance.	> The way we work – safety and health	23-29
	> MMG website - safety page	 <a href="http://www.mmg.com">www.mmg.com</a>
<b>6</b> Seek continual improvement of our environmental performance.	> We minimise our impact – water access and use	52-54
	> We minimise our impact – water balance and management of water risks	55-56
	> We minimise our impact – waste rock management	57-58
	> We minimise our impact – tailings storage	59-61
	> We minimise our impact – air quality management	61
	> We minimise our impact – mine closure and rehabilitation	63
	> We minimise our impact – biodiversity and land management	64-66
	> MMG website - environment page	 <a href="http://www.mmg.com">www.mmg.com</a>
	> 2019 Annual Report – ESG approach and performance	AR 82-90  <a href="http://www.mmg.com">www.mmg.com</a> )
<b>7</b> Contribute to conservation and biodiversity and integrated approaches to land use planning.	> We minimise our impact – mine closure and rehabilitation	63
	> We minimise our impact – biodiversity and land management	64-66
	> MMG website - environment page	 <a href="http://www.mmg.com">www.mmg.com</a>

# ICMM CONTENT INDEX

continued

ICMM PRINCIPLE	REPORT SECTION	PAGE
8	Facilitate and encourage responsible product design, use, re-use, recycling and disposal of products.	<ul style="list-style-type: none"> <li>&gt; Who we are – product stewardship and responsibility 16</li> </ul>
9	Contribute to the social, economic and institutional development of the communities in which we operate.	<ul style="list-style-type: none"> <li>&gt; Who we are – our commitment to sustainable development 17</li> <li>&gt; We contribute to development – social development and investment 41-45</li> <li>&gt; We contribute to development – commitment to local employment 46</li> <li>&gt; We contribute to development – local supply 47-48</li> <li>&gt; We contribute to development – our tax and community contribution 49-50</li> <li>&gt; We minimise our impact – mine closure and rehabilitation 63</li> </ul>
10	Implement effective and transparent engagement, communication and independently verified reporting arrangements with our stakeholders.	<ul style="list-style-type: none"> <li>&gt; About this report – materiality assessment process 4</li> <li>&gt; Our material issues 7-8</li> <li>&gt; The way we work – stakeholder engagement 31</li> <li>&gt; Assurance terms and statement 67-70</li> <li>&gt; Appendix: MMG Stakeholders and Engagement Avenues  <a href="http://www.mmg.com">www.mmg.com</a></li> </ul>

# ICMM POSITION STATEMENTS

ICMM POSITION STATEMENT	MMG ALIGNMENT	REPORT SECTION	PAGE	
1	ICMM Principles for climate change policy design	Partial alignment	> About this report	3-4
			> We minimise our impact – climate change	62
			> MMG website - Environment page	 <a href="http://www.mmg.com">www.mmg.com</a>
			> 2019 Annual Report – ESG approach and performance	AR 82-90  <a href="http://www.mmg.com">www.mmg.com</a>
2	Mining: Partnerships for Development	Partial alignment	> Who we are – our commitment to sustainable development	17
			> The way we work – sovereign risk and government relationships	30
			> The way we work – stakeholder engagement	31
			> We contribute to development – commitment to local employment	46
			> We contribute to development – local supply	47-48
3	Transparency of Mineral Revenues	Partial alignment	> Who we are – our commitment to sustainable development	17
			> We contribute to development – tax and community contribution	49-50
			> 2019 Annual Report – mineral resources and ore reserves	AR 7-16  <a href="http://www.mmg.com">www.mmg.com</a>
			> EITI website	 <a href="http://www.eiti.org">www.eiti.org</a>
4	Mercury Risk Management	Partial alignment	> Who we are – product stewardship and responsibility	16
			> Who we are – our standards, risk management and assurance	18
			> The way we work – artisanal mining	38
			> Emission estimates for Australian facilities	 <a href="http://www.npi.gov.au/npi-data/latest-data">http://www.npi.gov.au/npi-data/latest-data</a>
			<i>While we have some instances of small-scale mining on our tenements, we have no known artisanal and small-scale gold mining activity in close proximity to our operations that involves gold mining using elemental mercury.</i>	
5	Indigenous Peoples and Mining	Partial alignment	> The way we work – stakeholder engagement	31
6	Mining and Protected Areas	Partial alignment	> Who we are – our standards, risk management and assurance	18
			> MMG website - environment page	 <a href="http://www.mmg.com">www.mmg.com</a>
			<i>Our minimum requirements for land, biodiversity and cultural heritage management are outlined in our Environment Standard and are aligned to the individual member commitments in the position statement.</i>	
7	Tailings governance	Partial alignment	> We minimise our impact – waste rock management	57-58
			> We minimise our impact – tailings storage	59-60
			> MMG website - environment page	 <a href="http://www.mmg.com">www.mmg.com</a>
8	Water stewardship	Partial alignment	> We minimise our impact – water access and use	52
			> We minimise our impact – our water management systems	53-54
			> We minimise our impact – water balance and management of water risks	55-57
			> MMG website - environment page	 <a href="http://www.mmg.com">www.mmg.com</a>

# GRI CONTENT INDEX

MMG's 2019 Sustainability Report is prepared in accordance with the Global Reporting Initiatives' (GRI) Sustainability Reporting Standards: Core option, as well as specific GRI indicators as they relate to each of our material issues.

This table references:

- > disclosures on management approach (DMA) for each of the material Aspects covered by the report;
- > GRI Standard and sector-specific indicators selected for each material Aspect; and
- > indicators that have been independently assured (●).

Where an indicator is addressed directly in the table, relevant text appears in italics.

## FOUNDATION

INDICATOR	DISCLOSURE	REPORT SECTION	PAGE
1.1	Stakeholder inclusiveness	> About this report	3-4
		> Our material issues	7-8
		> Appendix – MMG Stakeholders and engagement avenues	 <a href="http://www.mmg.com">www.mmg.com</a>
1.2	Sustainability context	> Our material issues	7-8
		> Objectives and targets	9-10
		> Who we are – growth strategy	14
		> Who we are – our commitment to sustainable development	17
		> 2019 Annual Report: ESG approach and performance	AR 82-90  <a href="http://www.mmg.com">www.mmg.com</a>
1.3	Materiality	> About this report	3-4
		> Our material issues	7-8
1.4	Completeness	> About this report	3-4
1.5	Accuracy	> About this report	3-4
		> Assurance terms and statement	67-70
1.6	Balance	> Throughout report	
1.7	Clarity	> Throughout report	
1.8	Comparability	> Throughout report	
1.9	Reliability	> Assurance terms and statement	67-70
1.10	Timeliness	> Financial year end: 31 December 2019. Report release date: 30 April 2020	

## GENERAL DISCLOSURES – ORGANISATIONAL PROFILE

INDICATOR	DISCLOSURE	REPORT SECTION	PAGE
102-1	Name of the organisation.	> About this report	3-4
		> Who we are – overview	13
102-2	Activities, brands, products, and services.	> Our operations	11-12
		> Who we are – supply chain <i>None of our products or services are banned in any markets.</i>	15-16
102-3	Location of headquarters.	> Who we are - overview	13
102-4	Location of operations.	> Our operations	11-12
102-5	Ownership and legal form.	> 2019 Annual Report	 <a href="http://www.mmg.com">www.mmg.com</a>
		> MMG website	
102-6	Markets served.	> Who we are – supply chain	15-16
		> Director's Report – major customers and suppliers	AR 51  <a href="http://www.mmg.com">www.mmg.com</a>

# GRI CONTENT INDEX

continued

## GENERAL DISCLOSURES – ORGANISATIONAL PROFILE (Continued)

INDICATOR	DISCLOSURE	REPORT SECTION	PAGE
102-7	Scale of the organisation.	> Our operations	11-12
		> Who we are – growth strategy	14
		> Who we are - MMG and China Minmetals	15
		> Who we are – our people	19-20
		> 2019 MMG Annual Report	AR 20-21
		> 2019 MMG Annual Report – financial statement 17. investment in subsidiaries	AR 141-142  <a href="http://www.mmg.com">www.mmg.com</a>
102-8	Information on employees and other workers.	> Our operations	11-12
		> Who we are – our people	19-20
		> The way we work – labour rights	37
		<i>The breakdown of employees by employment type, by gender is available in this Appendix under ‘Our People Data Summary’. This information is only presented for MMG employees, as we do not collect the breakdown of employees by gender from our contractors.</i>	
		<i>MMG reports its headcount as at 31 December 2019. Direct employees are classified as permanent, and MMG contractors and consultants are reported as temporary.</i>	
		<i>Our contractors are important partners in our business, and work with direct MMG employees across the organisation in a number of roles. This includes short- and medium-term projects including construction and site shut-downs, and support direct employees when additional technical expertise is required.</i>	
102-9	Supply chain.	> Who we are – supply chain	15-16
		> We contribute to development – local supply	47-48
102-10	Significant changes to the organisation and its supply chain.	> About this report	3-4
		> Chief Executive Officer’s message	5-6
		> Who we are – growth strategy	14
		> Who we are – supply chain	15-16
		> 2019 Annual Report – Chairman’s review	AR 2-3
		> 2019 Annual Report – Chief Executive Officer’s Report	AR 4-5
		<i>There was no significant change to MMG or its supply chain of MMG in 2019.</i>	
102-11	Precautionary Principle or approach.	> Who we are – our standards, risk management and assurance	18
		> The way we work – corporate governance	22
		> The way we work – sovereign risk and government relationships	30
		<i>The precautionary principle is implemented by MMG through a risk-based management approach.</i>	
102-12	External initiatives	> United Nations’ Sustainable Development Goals	4
		> Who we are – our commitment to sustainable development	17
		> The way we work – corporate governance	22
		> The way we work – business ethics	23
		> The way we work – MMG values	19
		> We contribute to development – our tax and community contribution	49-50

# GRI CONTENT INDEX

continued

## GENERAL DISCLOSURES – ORGANISATIONAL PROFILE (Continued)

INDICATOR	DISCLOSURE	REPORT SECTION	PAGE
102-13	Membership of associations	> Who we are – our commitment to sustainable development	17
		> Who we are – product stewardship and responsibility	16
		> The way we work – human rights	35-37
102-14	Statement from senior decision-maker.	> Chief Executive Officer's message	5-6
102-15	Key impacts, risks and opportunities.	> About this report	3-4
		> Chief Executive Officer's message	5-6
		> Our material issues	7-8
		> Who we are – growth strategy	14
		> Who we are – our operating model	17
		> Objectives and targets	9-10
		> 2019 Annual Report – management discussion and analysis	AR 17-45  <a href="http://www.mmg.com">www.mmg.com</a>
102-16	Values, principles, standards, and norms of behaviour.	> United Nations' Sustainable Development Goals	4
		> The way we work – corporate governance	22
		> The way we work – business ethics	23
		> The way we work – our values	19
		> We contribute to development – our tax and community contribution	49-50
102-17	Mechanisms for advice and concerns about ethics.	> The way we work – business ethics	23
102-18	Governance structure.	> The way we work – corporate governance	22
		> 2019 Annual Report – corporate governance report	AR 69-81  <a href="http://www.mmg.com">www.mmg.com</a>
102-40	List of stakeholder groups.	> Appendix - MMG stakeholders and engagement avenues	 <a href="http://www.mmg.com">www.mmg.com</a>
102-41	Collective bargaining agreements.	> The way we work – labour rights	37
102-42	Identifying and selecting stakeholders.	> About this report	3-4
		> Our material issues	7-8
		> The way we work – stakeholder engagement	31
		> Appendix – MMG stakeholders and engagement avenues	 <a href="http://www.mmg.com">www.mmg.com</a>
102-43	Approach to stakeholder engagement.	> The way we work – stakeholder engagement	31
		> Appendix – MMG stakeholders and engagement avenues	 <a href="http://www.mmg.com">www.mmg.com</a>
102-44	Key topics and concerns raised.	> About this report	3-4
		> Appendix – MMG stakeholders and engagement avenues	 <a href="http://www.mmg.com">www.mmg.com</a>
		MMG engages with its stakeholders on a regular basis, including through avenues mentioned in the 'Stakeholder list and engagement avenues' table at the beginning of this Appendix. We also use their input to review our periodic materiality assessment.	
102-45	Entities included in the consolidated financial statements.	> 2019 Annual Report	AR 141-142  <a href="http://www.mmg.com">www.mmg.com</a>

# GRI CONTENT INDEX

continued

## GENERAL DISCLOSURES – ORGANISATIONAL PROFILE (Continued)

INDICATOR	DISCLOSURE	REPORT SECTION	PAGE
102-46	Defining report content and topic boundaries.	> About this report	3-4
		> Our material issues	7-8
		<i>Minor changes were made to the scope and boundary of material issues that focus our report on those aspects that were most relevant during the 2019 reporting period. We re-categorised Human Rights to better fit with MMG's reporting themes.</i>	
102-47	List of material topics.	> Our material issues	7-8
102-48	Restatement of information.	> About this report – report boundary and scope	3
		<i>Kinsevere waste rock and tailings data for 2018 was restated in this report due to a change in data classification categories during the period.</i>	
102-49	Changes in reporting.	> About this report	3-4
102-50	Reporting period.	> 1 January 2019 – 31 December 2019	
102-51	Date of most recent report.	> 2018	 <a href="http://www.mmg.com">www.mmg.com</a>
102-52	Reporting cycle.	> Annual	
102-53	Contact point for questions about the report.	> Our contacts	Inside back cover
102-54	Claims if reporting in accordance with the GRI Standards.	> This report has been prepared in accordance with the GRI Standards: Core option	
102-55	GRI Content Index.	> Appendix – GRI content index	 <a href="http://www.mmg.com">www.mmg.com</a>
102-56	External assurance.	> About this report	3-4
		> Assurance terms and statement	67-70

## ASPECT SPECIFIC DISCLOSURES – ECONOMIC

INDICATOR	DISCLOSURE	REPORT SECTION	PAGE
103-1	Explanation of the material topic and its Boundary.	> About this report	3-4
		> Our material issues	7-8
		> Throughout our Sustainability Report	
103-2	Management approach and components.	> About this report	3-4
		> Our material issues	7-8
		> Throughout our Sustainability Report	
103-3	Evaluation of the management approach.	> About this report	3-4
		> Our material issues	7-8
		> Throughout our Sustainability Report	

# GRI CONTENT INDEX

continued

## ASPECT SPECIFIC DISCLOSURES – ECONOMIC (Continued)

INDICATOR	DISCLOSURE	REPORT SECTION	PAGE
201-1	Direct economic value generated and distributed	> Our operations	11-12
		> We contribute to development	41-45
		> We contribute to development – our commitment to local employment	46
		> We contribute to development – local supply	47-48
		> We contribute to development – our tax and community contribution	49-50
		> 2019 Annual Report – management discussion and analysis	AR 17-45
		> 2019 Annual Report – Directors’ Report	AR 51-68
		> 2019 Annual Report – 12. dividends	AR 133
		> 2019 Annual Report – consolidated statement of profit and loss	AR 98
			 <a href="http://www.mmg.com">www.mmg.com</a>
204 -1	Proportion of spending on local suppliers	> We contribute to development – local supply	47-48
		> We contribute to development - our tax and community contribution	49-50

# GRI CONTENT INDEX

continued

## ASPECT SPECIFIC DISCLOSURES – ENVIRONMENT

INDICATOR	DISCLOSURE	REPORT SECTION	PAGE
103-1	Explanation of the material topic and its Boundary.	> About this report	3-4
		> Our material issues	7-8
		> Throughout our Sustainability Report	
103-2	Management approach and components.	> About this report	3-4
		> Our material issues	7-8
		> Throughout our Sustainability Report	
103-3	Evaluation of the management approach.	> About this report	3-4
		> Our material issues	7-8
		> Throughout our Sustainability Report	
303-1	Water withdrawal by source.	> About this report	3-4
		> We minimise our impact – water balance and management of water risks	55-57
306-1	Water discharge by quality and destination.	> About this report	3-4
		> We minimise our impact – water balance and management of water risks	55-57
		<p><i>Combined water outputs for MMG sites in 2019 included:</i></p> <ul style="list-style-type: none"> <li>- 81,282ML category 1 water (evaporation and supply to third party)</li> <li>- 4,827ML category 2 water (discharge to surface water and seepage)</li> <li>- 18,939ML category 3 water (Entrainment and other)</li> </ul> <p><i>Category 1 water is defined by the ICMM Water Accounting Framework guidelines as 'high quality water which may require minimal and inexpensive treatment to raise quality to appropriate drinking water standard (e.g. near potable water quality).'</i></p> <p><i>Category 2 water, as defined by the ICMM guidelines, is 'medium quality water which would require a moderate level of treatment to meet appropriate drinking water standard (e.g. agricultural use).'</i></p> <p><i>Category 3 water is defined by the ICMM as 'low quality water which would require significant treatment to raise quality to appropriate drinking water standards (e.g. industrial and waste water).'</i></p>	
MM3 ●	Total amounts of overburden, rock, tailings and sludges and their associated risks.	> We minimise our impact – waste rock management	57-58
		> We minimise our impact – tailings storage	59-60
		<p><i>We do not report data on sludges as we focus on the most material mineral waste streams of our business.</i></p>	
307-1	Environmental compliance	> The way we work – compliance and conformance	23
		> The way we work – tailings storage	59-60
		> 2019 Annual Report – ESG approach and performance	AR 82-90
			 <a href="http://www.mmg.com">www.mmg.com</a>

# GRI CONTENT INDEX

continued

## ASPECT SPECIFIC DISCLOSURES – SOCIAL STANDARDS

INDICATOR	DISCLOSURE	REPORT SECTION	PAGE
103-1	Explanation of the material topic and its Boundary.	> About this report	3-4
		> Our material issues	7-8
		> Throughout our Sustainability Report	
103-2	Management approach and components.	> About this report	3-4
		> Our material issues	7-8
		> Throughout our Sustainability Report	
103-3	Evaluation of the management approach.	> About this report	3-4
		> Our material issues	7-8
		> Throughout our Sustainability Report	
403-2	Types of injury and rates of injury, occupational diseases, lost days, and absenteeism, and number of work-related fatalities.	> The way we work – safety and health <i>We do not report our injuries by gender and do not currently use data on absenteeism to interpret safety performance. We report our lost time injury frequency (LTIF) but do not report the number of lost days.</i>	23-29
412-1 ●	Operations that have been subject to human rights reviews or impact assessments.	> The way we work – human rights <i>As per MMG's Social Performance Standard, all our operations are required to develop a Social Baseline Study Scope of Work and Social Impact and Opportunities Assessment Scope of Work that include the assessment of Human Rights impacts. The Standard also outlines the frequency this is required to be undertaken.</i>	35-37
413-1	Operations with local community engagement, impact assessments and development programs.	> The way we work – stakeholder engagement	31
		> The way we work – community engagement	32
		> The way we work – land access, relocation and resettlement	39-40
		> We contribute to development	41-48
		<i>100% of our operations have local community engagement, impact assessments and development programs. We make impact assessments publicly available when required for a public approvals process. However, we do not make all social or environmental impact assessments publicly available in their entirety or for perpetuity. We share relevant summary content where appropriate to maintain transparency and clarity in our engagement processes.</i>	
MM6 / 7 ●	Number and description of significant disputes relating to land use, customary rights of local communities and Indigenous peoples and the extent to which grievance mechanisms were used to resolve disputes relating to land use, customary rights of local communities and Indigenous peoples and the outcomes.	> Chief Executive Officer's message	5-6
		> The way we work – human rights	35-37
		> The way we work – land access, relocation and resettlement	39-40
		> The way we work – grievance management	33-34

# GRI CONTENT INDEX

continued

## ASPECT SPECIFIC DISCLOSURES – SOCIAL STANDARDS (Continued)

INDICATOR	DISCLOSURE	REPORT SECTION	PAGE
<b>MM8</b>	Number (and percentage) of company operating sites where artisanal and small-scale mining (ASM) takes place on, or adjacent to, the site; the associated risks and the actions taken to manage and mitigate these risks.	<ul style="list-style-type: none"> <li>&gt; The way we work – artisanal mining</li> </ul> <p><i>Our operations in the DRC and Peru are subject to artisanal and small-scale mining risks. We have four operations, therefore 50% of our operations are subject to this risk.</i></p>	38
<b>MM10</b>	Number and percentage of operations with closure plans.	<ul style="list-style-type: none"> <li>&gt; We minimise our impact – mine closure and rehabilitation</li> <li>&gt; We minimise our impact – biodiversity and land management</li> <li>&gt; 2019 Annual Report – 28. Provisions a) mine rehabilitation, restoration and dismantling</li> </ul>	<p>63-64</p> <p>64-66</p> <p>AR 152</p> <p> <a href="http://www.mmg.com">www.mmg.com</a></p>

## OUR PEOPLE DATA SUMMARY

### MMG EMPLOYEES BY EMPLOYMENT TYPE, BY GENDER AS AT 31 DECEMBER 2019

YEAR/SITE	FULL-TIME		PART-TIME		TOTAL
	Female	Male	Female	Male	
<b>2019</b>					
Dugald River	20.0	172.0			<b>192.0</b>
Kinsevere	105.0	648.0			<b>753.0</b>
Las Bambas	135.0	1,657.0			<b>1,792.0</b>
Rosebery	22.0	270.0			<b>292.0</b>
Corporate	128.0	149.0	10.1		<b>287.1</b>
<b>MMG</b>	<b>410.0</b>	<b>2,896.0</b>	<b>10.1</b>	-	<b>3,316.1</b>